BRUHATH BANGALORE MAHANAGARA PALIKE, DASARAHALLI ZONE

Office of the Executive Engineer, Dasarahalli Division

Schedule - B

NAME OF THE WORK: Improvements to roads at MEI Layout 11th, 13th, 14th main roads & Other cross roads in Bagalagunte Ward No.14

Sl. No	Description of work	Unit	Qty	Sanctioned Rate	
				In Figures (Rs.)	In Words (Rs.)
1	2	3	4	5	6
1	Earthwork excavation by manual means in Ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete and Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Kmas per specifications complete as per specifications.	Cum	4746.96	86.92	Rupees Eighty Six and Ninety Two Paise Only
2	For Grading I material construction of **granular sub-base** by providing coarse graded crushed stone aggregates of Granite/ trap/basalt material spreading in uniform layers with motir grader on prepared surface mixing by a mix in place method with rotawater at OMC, and Compacting with vibratory roller to achieve the desired density, complete as per specifications.by mix in a Place method for course Graded Granular Sub Base Material as per 400-2 for grading I material .	Cum	312.30	1518.98	Rupees One Thousand Five Hundred Eighteen and Ninety Eight Paise Only
3	Providing, laying, spreading and compacting graded stone aggregates to **wet mix macadam** specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. Specification No. 406 with all leads and lifts etc., complete as per the direction of Engineer-in-charge of the work.	Cum.	478.86	1768.08	Rupees One Thousand Seven Hundred Sixty Eight and Eight Paise Only
4	Providing and applying **primer coat** with S.S. Bitumen emulsion on prepared surface of granular base such as WBM, WMM including clearing of road surface and spraying primer at the rate of 0.6 kg / sqm using mechanical means complete as per specifications, with all leads and lifts etc., complete as per the direction of Engineer-in-charge of the work	Sqm	2082.00	27.56	Rupees Twenty Seven and Fifty Six Paise Only

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5	Cleaning the existing **black topped surface** with brooms, soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications.	Sqm	6246.00	3.18	Rupees Three and Eighteen Paise Only
6	Providing and applying **tack coat on the prepared black topped** surfaces at 5kg per 10 sqm, heating bitumen in boiler fitted with spray set (Excluding cleaning of road surface) including cost of all Materials, labour, HOM of machineries complete as per specifications.	Sqm	6246.00	11.66	Rupees Eleven and Sixty Six Paise Only
7	Providing and laying **bituminous macadam** on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant 40 tonne capacity, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, 50/75mm compacted thickness with 3.3% bitumen but excluding the cost of primer/tack coat with lead incl. cost of all materials, labour, HOM of machineries complete as per specifications with 80/100 grade bitumen using 40/60TPH capacity H.M.P with Mechanical paver Gr II (50/75mm) with 3.3% VG-30 Bitumen as per the directions of Engineer-in-charge of	Cum	104.10	5129.34	Rupees Five Thousand One Hundred Twenty Nine and Thirty Four Paise Only
8	Providing and laying **bituminous concrete** with hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder and filter transporting the hot mix to work site laying with paver finisher to the required grade, level and alignment. rolling with smooth wheeled vibratory and tandem rollers to achieve the desired compaction as per MORTH Speicification clause no 500.9 complete in all respects complete as per specification no 509. using 40/60 TPH Capacity H.M.P With Mechanical paver Gr-II (30 mm to 45 mm) with 6% VG-30 Bitumen.	Cum	249.84	7270.54	Rupees Seven Thousand Two Hundred Seventy and Fifty Four Paise Only
9	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading.	Cum	4746.96	84.00	Rupees Eighty Four Only

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